

tMI - tde MiniMetro CWDM Mux/Demux 8+1 Channel Dual Fiber 19" 1/2U



tde - MiniMetro CWDM Mux/Demux

tMI - tde - MiniMetro CWDM Mux/Demux. Dual Fiber Input/Output Module. Wavelengths from 1271-1611nm at 20 nm spacing. The unit has 4 channels with one expansion/monitor channel from 1260-1350nm. This product is designed for launching and receiving 8 wavelengths and an upgrade port in the same package using 2 fibers for transport. Suited for jumper/connectors or standard duplex transceivers. Mechanical packaging configured for standard 1/2U 19" rack mount applications.

- Protocol transparent up to 100Gbps
- Up to 16 protocol transparent channels using one pair of fibers
- No power supply required



tde[®] trans data elektronik GmbH

Headquarter address:

Lingener Str. 2
D-49626 Bippen/Ohrte
Tel.: +49 5435 9511 0
Fax.: +49 5435 9511 32

Sales office address:

Prinz-Friedrich-Karl-Str. 46
D-44135 Dortmund
Tel.: +49 231 914 36 99
Fax.: +49 231 914 31 29

info@tde.de | www.tde.de

tMI - tde MiniMetro CWDM Mux/Demux 8+1 Channel Dual Fiber 19" 1/2U

Technical Data

Channel center wavelengths (select four)	1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm
Expansion Port	1260 - 1360 nm
Channel center wavelength separation	20 nm
Channel bandwidth at channel insertion loss	$\lambda_c \pm 6.5$ nm
Insertion loss (1310 nm)	≤ 0.8 dB
Link loss with mux/demux combination	≤ 3.1 dB
Return loss	≥ 50 dB
Adjacent channel isolation	≥ 30 dB
Non-adjacent channel isolation	≥ 50 dB
Channel uniformity with mux/demux combination	≥ 1.25 dB
Polarization dependent loss	≤ 0.1 dB
Fibertype	G657A
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C

Part number

TMI	8-	X- (Wavelengths)	YYY- (Connector)	E
tde MiniMetro	Channel	1 = 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm	E2U = E2000 UPC	Expansion Port
		2 = 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451 nm	E2A = E2000 APC	
			LCU = LC UPC	
			LCA = LC APC	
			SCU = SC UPC	
			SCA = SC APC	

Product variants & accessories

Art.-No.	Description
TMI4-X-YYY-E	tMI - tde MiniMetro CWDM Mux/Demux 4+1 Channel Dual Fiber 19" 1/2U
TMI8-X-YYY-E	tMI - tde MiniMetro CWDM Mux/Demux 8+1 Channel Dual Fiber 19" 1/2U